

# Site Highlights

## Superfund

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### ***Soil Excavation Project***

Federal Creosote Company  
Manville Borough, Somerset County

### ***Interim Ground Water Treatment System***

Prices 1 Landfill Superfund Site  
Pleasantville City and Egg Harbor Township, Atlantic County

## Non-Superfund

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### ***Underground Storage Tank Removal***

398 Olden Avenue  
Ewing Township, Mercer County

### ***Water Line Installation***

Beachwood and Veeder Avenues Ground Water Contamination  
Dover Township, Ocean County

### ***Air Stripper Installation***

Black Brook Treatment Plant  
Hanover Township, Morris County

### ***Water Line Installation***

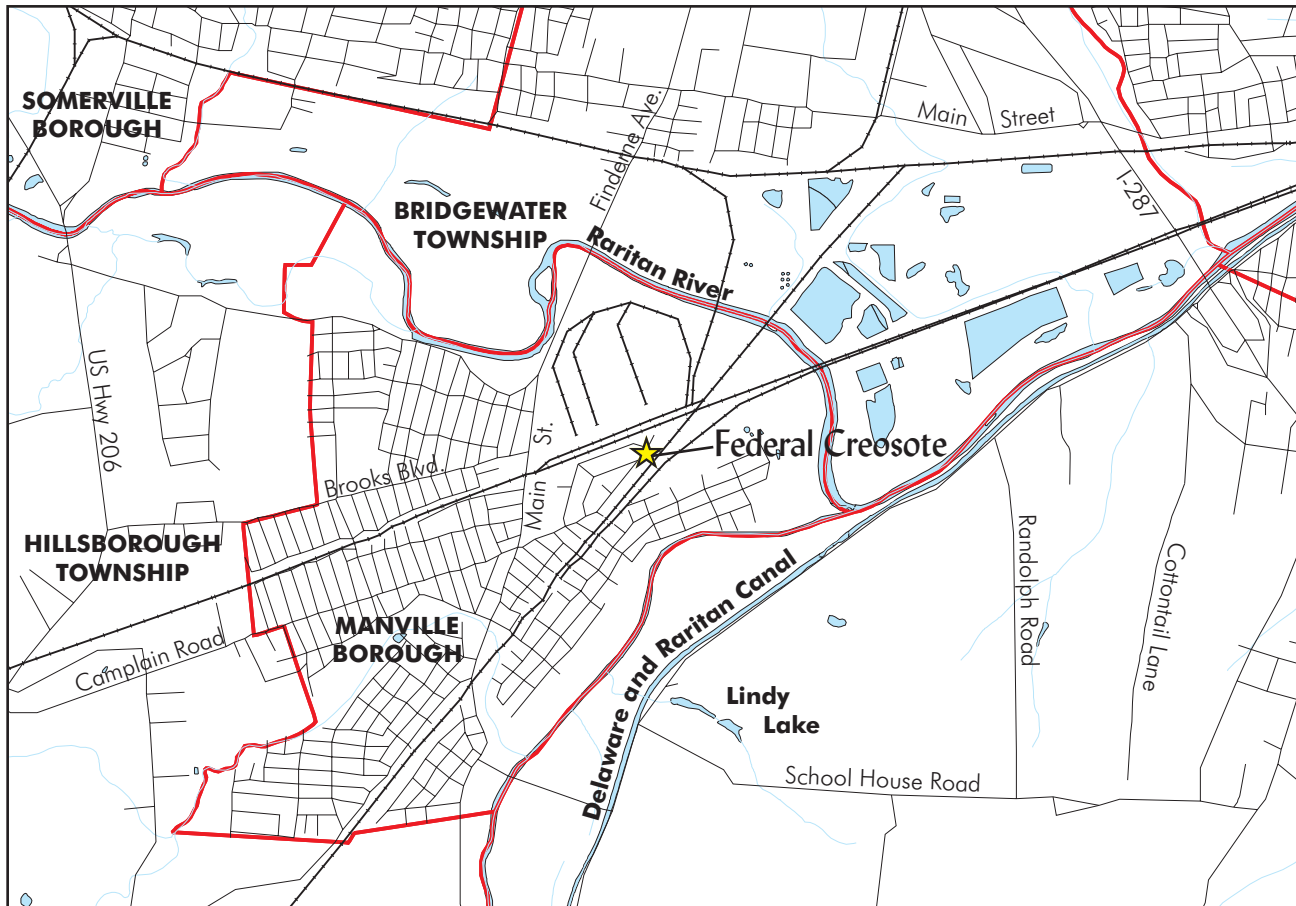
Eastwoods Development Ground Water Contamination  
Monroe Township, Gloucester County

# Federal Creosote Company

## Manville Borough, Somerset County

In 2001, USEPA began the first phase of a major remedial action to remove thousands of tons of contaminated soil from a housing development located at Valerie Drive and East Camplain Road, formerly the site of the Federal Creosote Company. Surface and subsurface soil at the site was contaminated with creosote, a tar-like substance used to preserve wood, while the wood treatment plant operated between 1910 and 1957. The objective of the first phase of the project, called Operable Unit 1 (OU1), is to remove highly contaminated soil from the part of the development where homes were built on top of two creosote lagoons that had

been covered with soil. USEPA demolished 19 homes in the OU1 area and began digging out the contaminated subsurface soil during 2001. Approximately 52,000 tons of creosote-contaminated soil were removed by USEPA from the OU1 area during 2001, and this phase of the cleanup is expected to continue until mid-2002. Less contaminated surface soil at other areas of the development and at an adjacent shopping mall as well as the ground water will be addressed under Operable Units 2 and 3. For further information about the Federal Creosote Company Superfund site, please see the site description on page 272.





USEPA contractors sample contaminated soil excavated from the Federal Creosote site prior to off-site removal.

Photos courtesy of USEPA.



Clean soil is placed in an excavation at the Federal Creosote site.

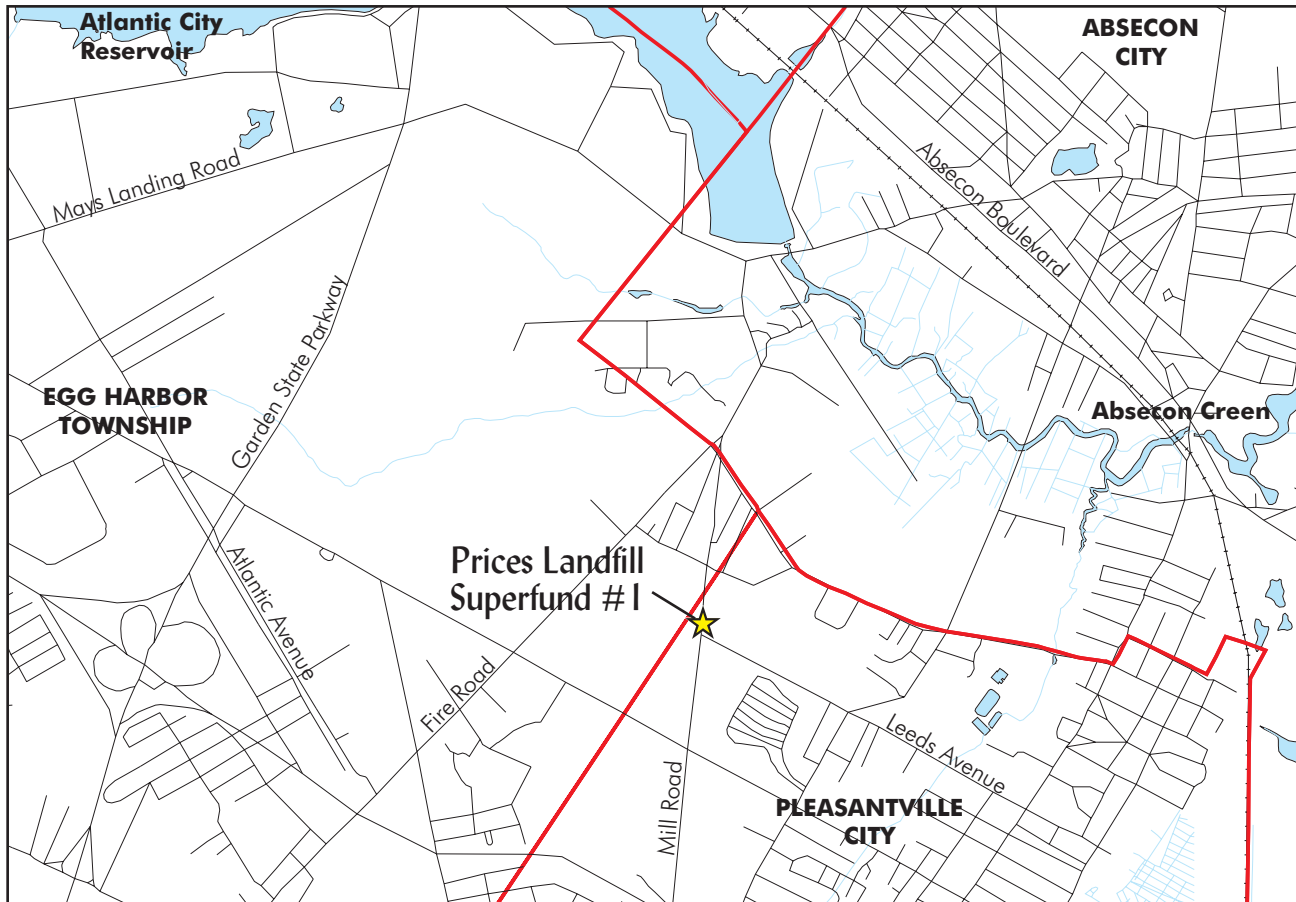
# Prices 1 Landfill Superfund Site

## Pleasantville City and Egg Harbor Township

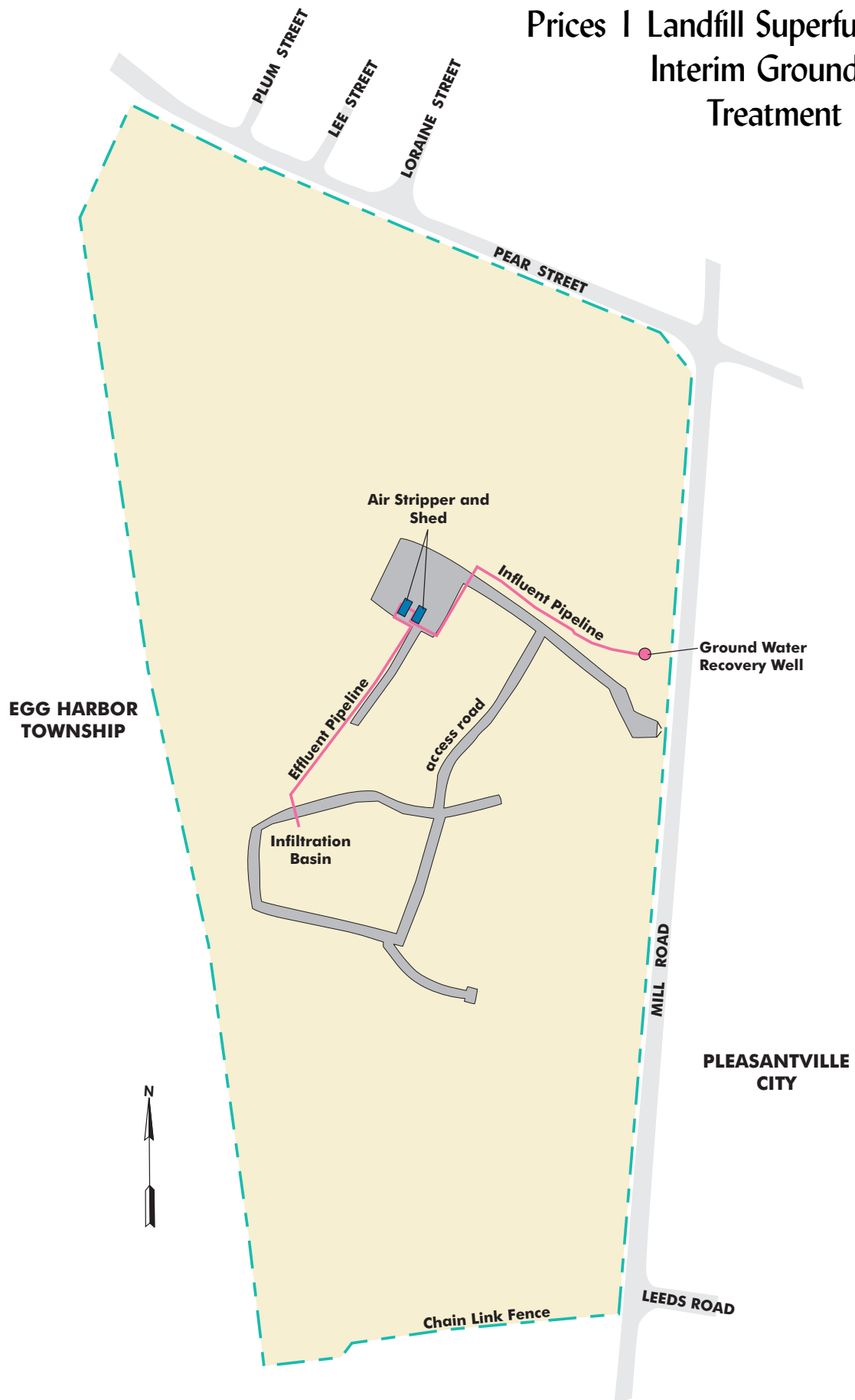
### Atlantic County

In early 2001, NJDEP completed construction of an interim ground water treatment system at the Prices 1 Landfill Superfund site. The treatment system extracts contaminated ground water from a recovery well on the east side of the site, removes the volatile organic compounds by air stripping and discharges the treated water to an on-site infiltration basin where it gradually seeps back into the shallow aquifer. Approximately 85 gallons of contaminated water are treated per minute by the interim system, for a total of more than

30 million gallons by the end of 2001. The interim system is helping prevent contaminated ground water from migrating off site until a final ground water treatment system, which will extract contaminated ground water from several recovery wells around the landfill, is installed and operational. NJDEP is designing the final ground water treatment system, which will be constructed concurrently with the landfill cap. For more information about the Prices 1 Landfill Superfund site, please see the site description on page 24.



# Prices | Landfill Superfund Site Interim Ground Water Treatment System



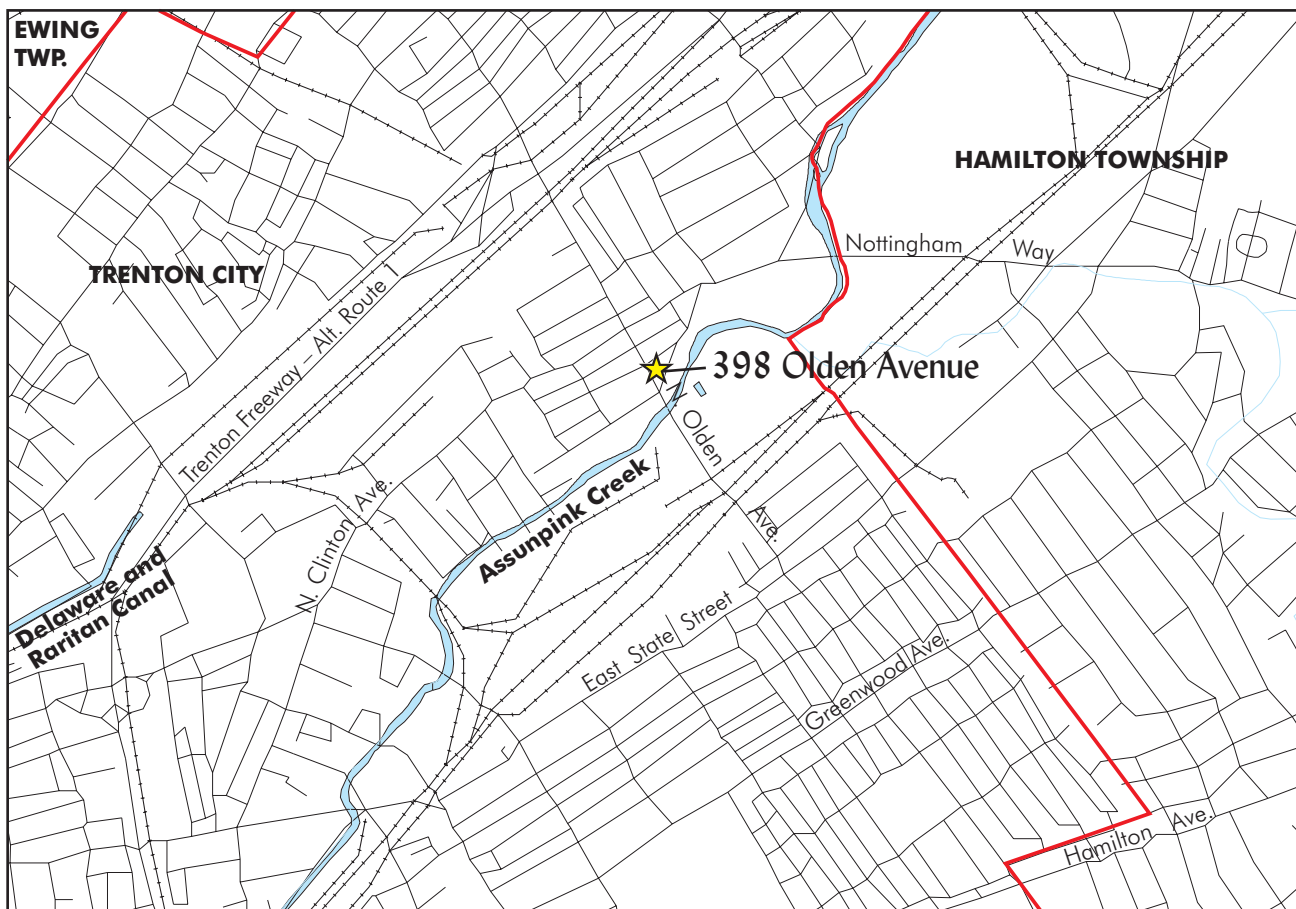


# 398 Olden Avenue

## Trenton City, Mercer County

This site is comprised of two abandoned gasoline service stations located in close proximity to one another. Gasoline from leaking underground storage tanks at both properties contaminated the soil and ground water. In addition, NJDEP suspects the contamination at one or both of the former service stations may have been the source of gasoline vapors that were found at hazardous levels in a nearby underground utility vault in the 1990s. To address the

immediate environmental concerns presented by the site, NJDEP's Division of Publicly Funded Site Remediation removed nine underground gasoline storage tanks and 1,600 tons of petroleum-contaminated soil from the two former service stations in July 2001. An investigation is now underway to determine the extent of the gasoline contamination in the ground water. For further information about this site, please see the site description on page 175.





An underground storage tank is removed from the 398 Olden Avenue property.



An NJDEP contractor cuts up the tanks in preparation for recycling.



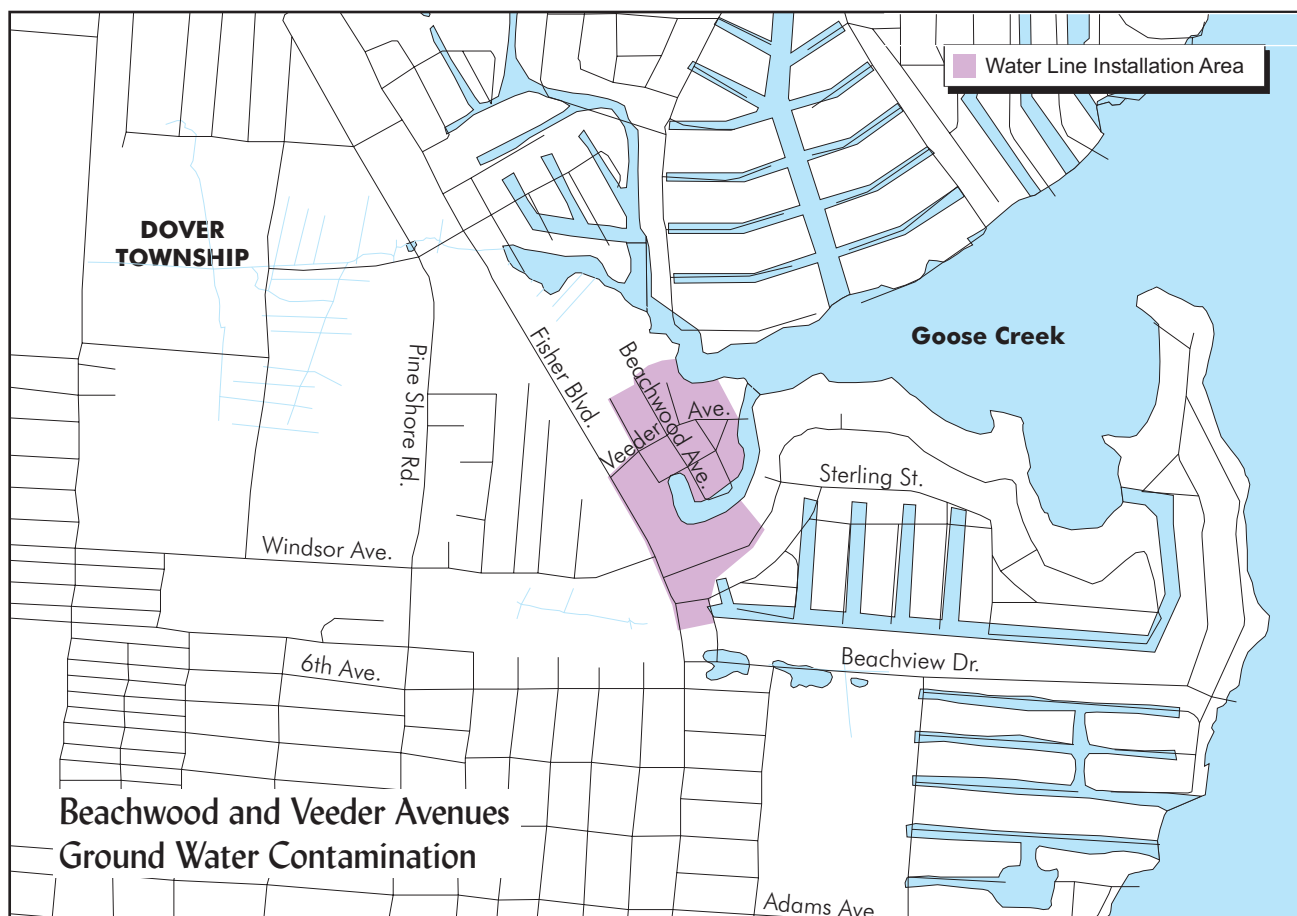
Clean fill is compacted at 302 Olden Avenue, one of the two former gas stations comprising this site.

# Beachwood and Veeder Avenues Ground Water Contamination

## Dover Township, Ocean County

In 2001, NJDEP's Division of Publicly Funded Site Remediation helped extend public water lines to residences in this area of Dover Township, where numerous private drinking water wells are either contaminated or at risk of becoming contaminated with mercury, trichloroethylene and tetrachloroethylene. The United Water Company installed the water lines in 2001 under a third party contract with NJDEP. Dover Township will begin connecting the residences and sealing the contaminated

private wells during 2002 under a separate third party contract with NJDEP. NJDEP will provide the United Water Company and Dover Township with an estimated \$950,000 in Corporate Business Tax revenues to fund these activities. Approximately 90 residences will be connected to the water line once the project is completed. For more information about the Beachwood and Veeder Avenues Ground Water Contamination site, please see the site description on page 241.





# Black Brook Treatment Plant

## Hanover Township, Morris County

The Black Brook Treatment Plant is a municipal well field and water chlorination/metals removal plant that provides drinking water for residents of southeast Morris County. In 2001, the Southeast Morris County Municipal Utilities Authority (SMCMUA) completed construction of an air stripper at the site to treat the water from one of the municipal supply wells that is contaminated with volatile organic compounds at levels exceeding New Jersey Drinking Water Standards. NJDEP's Divi-

sion of Publicly Funded Site Remediation funded the design and installation of the air stripper, providing approximately \$1.575 million in Corporate Business Tax revenues for the project. Operation and maintenance of the air stripper are being conducted by SMCMUA and includes periodic testing of the treated water to ensure that it meets Drinking Water Standards. For further information about the Black Brook Treatment Plant site, please see the site description on page 220.

The new air stripping facility at the Black Brook Treatment Plant.



# Eastwoods Development Ground Water Contamination

## Monroe Township, Gloucester County

In 2001, the Division of Publicly Funded Site Remediation facilitated the installation of public water lines to the 67 homes in the Eastwoods Development in Monroe Township, where more than two dozen private potable wells have been contaminated with benzene and tetrachloroethylene. NJDEP is providing the Monroe Township Municipal

Utilities Authority with \$977,000 in Corporate Business Tax revenues to fund the water line project, which is scheduled to be completed in 2002. For further information about the Eastwoods Development Ground Water Contamination site, please see the site description on pages 126.

